Claim 1. A light distribution device comprising:

a pair of light transmitting panels joined to form an integral unit having a common base portion, each of said lens panels [at least one light transmitting lens panel] having a geometric base, a front surface extending outwardly from one edge of said base and a rear surface extending outward from the opposite edge of said base and inclining toward the outer edge of said front surface,

a recess formed adjacent the base of said lens panel, and

a light cartridge mounted within said recess in a manner to transmit light through said lens panel and to allow said panel to be assembled with said base in abutting relation with an adjacent surface

.Claim 2. The device of Claim 1 wherein:

at least one surface off said lens panel is jewel-cut.

Claim 3. The device of Claim 1 wherein :

said base is rectangular.

Claim 4. The device of Claim 1 wherein:

said base is triangular.

Claim 5. The device of Claim 1 wherein:

said rear surface is mirrored.

Claim 6. The device of Claim 1 wherein:

said rear surface is darkened.

Claim 7. The device of Claim 1 wherein:

said rear surface is granulated.

Claim 8. The device of Claim 1 wherein:

said rear surface is coated.

Claim 9. The device of Claim 1 further comprising:

means external to said light distribution device delivering energy to said light cartridge.

Claim 10. The device of Claim 9 wherein:

said external means supplies electrical energy to said cartridge.

Claim 11. The device of Claim 9 wherein:

said external device supplies non-electric energy to said cartridge.

Claim 12. The device of Claim 9 wherein:

said external device supplies optical energy to said cartridge.

Claim 13. The device of Claim 1 further comprising:

means for controlling the amount of infrared radiation emitted by said light panels.

Claim 14. The device of Claim 1 wherein:

said front surface is flat.

Claim 15. The device of Claim 1 wherein:

said front surfaced is convex.

Claim 16. The device of Claim 1 wherein:

said front surface is concave.

Claim 17. The device of Claim 1 wherein:

said front surface is carved.

Claim 18. The device of Claim 1 wherein:

said front surface is textured.

Claim 19. The device of Claim 1 wherein:

said front surface is etched.

Claim 21. The device of Claim 1 wherein:

said front surface is sculpted.

Claim 22. The device of Claim 1 wherein:

said front surface has material applied thereto to form letters.

Claim 23. The device of Claim 1 wherein:

said front surface has material applied thereto to modify the light transmitted from said front surface.

Claim 24.The device of Claim 1 wherein:

said lens panel contains a hollow portion.

Claim 25. The device of Claim 24 wherein:

said hollow portion of said lens panel is filled with fluid.

Claim 26. The device of Claim 1 wherein:

said light cartridge contains means for projecting television-like signals onto said front surface of said light panel.

Claim 27. The device of Claim 1 comprising:

at least two of said lens panels having their bases attached and extending outwardly from said bases in opposing relation.

Claim 28. The device of Claim 1 comprising:

at least two of said lens panels having their bases attached and extending outwardly from said bases with said front surfaces defining an angle to each other.

Claim 29. The device of Claim 9 wherein:

said light cartridge contains a light source and said delivering means is an electrical cable.

Claim 30. The device of Claim 9 wherein:

said delivering means is a light pipe.

Claim 31. The device of Claim 9 wherein:

said delivering means is a laser.

Claim 32. The device of Claim 1 wherein:

said cartridge includes light modifying means.

Claim 33. The device of Claim 32 wherein:

said light modifying means is a photomultiplier.

Claim 34. The device of Claim 32 wherein:

said light modifying means is a filter.

Claim 35. The device of Claim 32 wherein:

said cartridge contains a filter to pass only desired light frequencies to said lens panel, and

a substance to be purified by said ultraviolet light is passed through said hollow portion of said lens panel.

Claim 36. The device of Claim 34 wherein:

said filter serves to control the amount of infrared light passed to said light panels.

Claim 37. The device of Claim 1 wherein:

said device is mounted on the framing studs of a building to form a floor panel for a room within said building.

Claim 38. The device of Claim 1 wherein:

said device is mounted on the framing studs of a building to form a wall panel for a room within said building.

Claim 39. The device of Claim 1 wherein:

said device is mounted on the framing studs of a building to form a ceiling panel for a room within said building.

Claim 40. The device of Claim 1 wherein:

said device is embedded in the ground to form a section of a sidewalk.

Claim 41. The device of Claim 1 wherein:

said device is embedded in the ground to form a section of a road.

Claim 42. An article of furniture comprising:

at least one light distribution device having a pair of [at least one] light transmitting lens panel having a base, a front surface extending outwardly from one edge of said base and a rear surface extending outwardly from the opposite edge of said base and inclining toward the outer edge of said front surface, and one of said lens panels formed with a recess adjacent said base, and

a light cartridge mounted in said recess to transmit light through said lens panel.

Claim 43. The device of Claim 1 wherein:

said lens panel is arcuate.

Claim 44. The device of Claim 1 wherein:

said device is mounted under water.

Claim 45. The device of Claim 1 wherein:

said device is mounted in an explosive atmosphere.

Claim 46. The device of Claim 1 wherein:

said device serves to regulate the temperature of the surrounding area.

Claim 47. The device of Claim 1 wherein:

said device serves as a sign.

Claim 48. The device of Claim 32 wherein ;

said light modifying means projects images into said lens panel.

Claim 49. The device of Claim 48 wherein:

said light modifying means is a television projection system

Claim 50. (Cancelled) The device of Claim 1 further comprising:

a pair of said lens panels joined to form an integral unit having a common base portion, with rear surfaces projecting outwardly and forwardly from respective sides of said base portion and a front surface connecting the forward ends of said rear surfaces with a recess formed in said base portion, and

a light cartridge insertable into said recess to illuminate said lens panels.

Claim 51. A light-emitting structure including:

at least two lens panels, each of said lens panels comprising:

a geometric base, a front surface extending outwardly from one edge of said base and a rear surface extending outward from the opposite edge of said base and inclining towaard the outer edge of said front surface;

said lens panels being mounted in base to base relation; and

a light cartridge connecting said bases and serving to deliver light through said lens panels.